

**APPENDIX B**

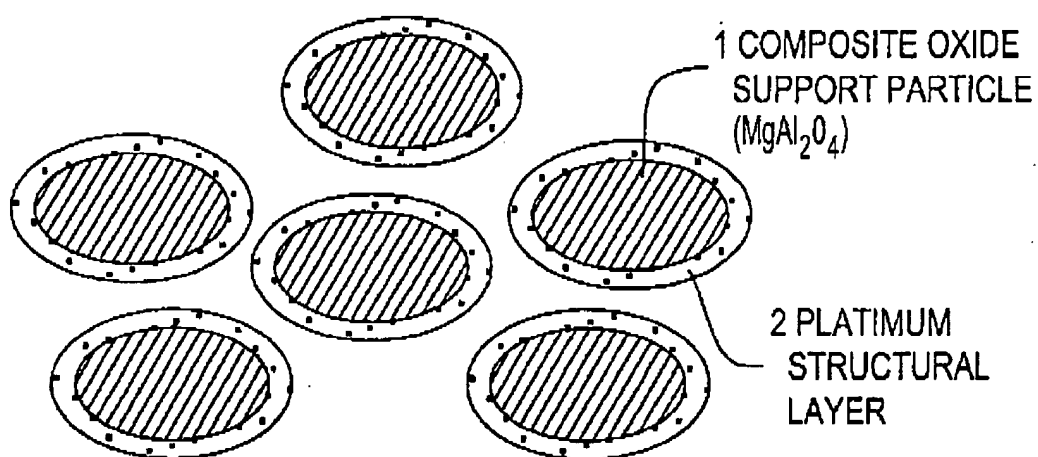
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FIG. 1

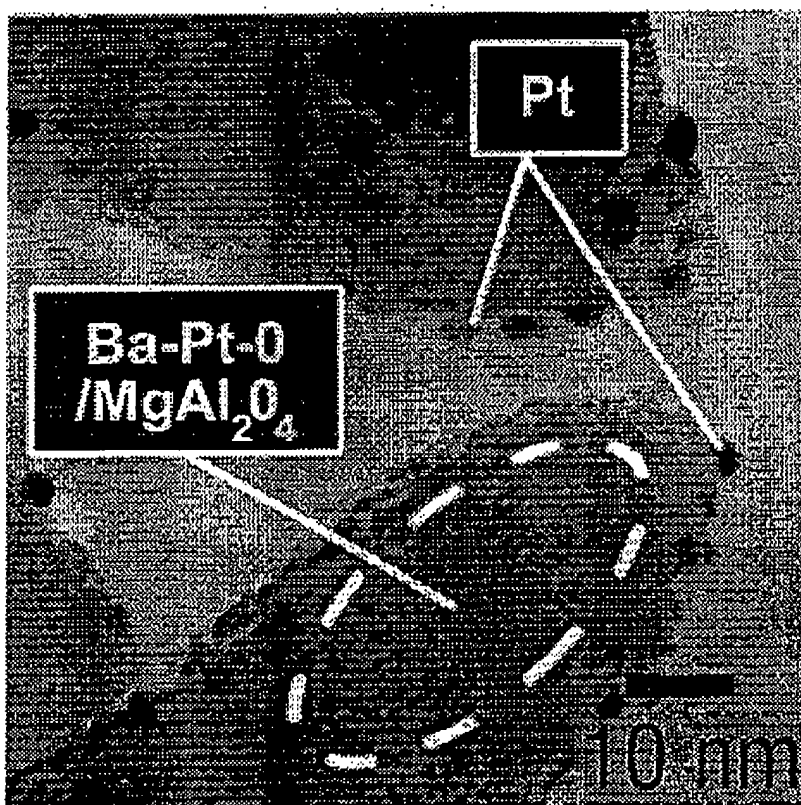


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**FIG. 2****Ba-Pt/MgAl<sub>2</sub>O<sub>4</sub>(INITIAL)**

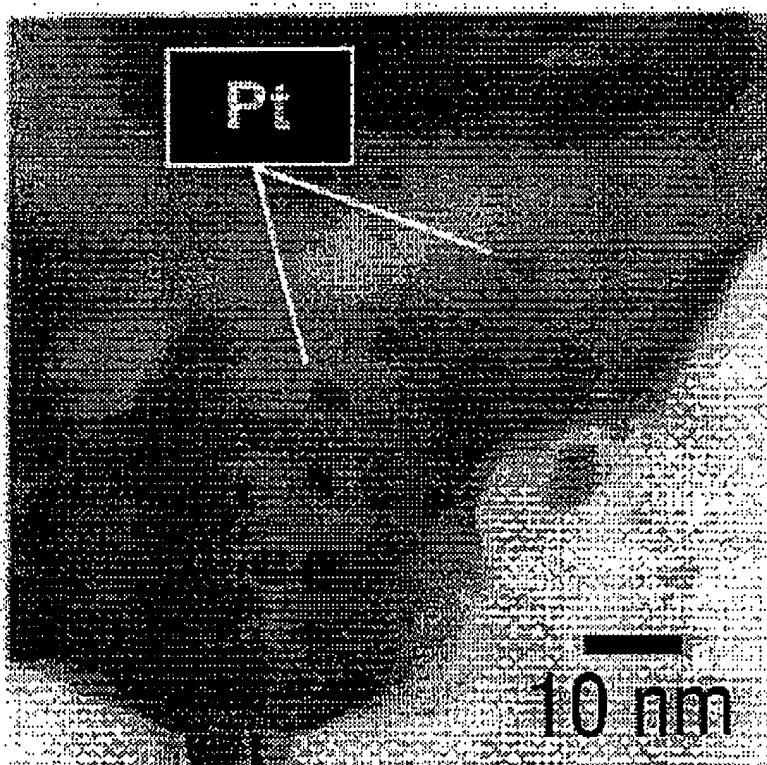
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FIG. 3

Ba<sub>5</sub>-Pt/MgAl<sub>2</sub>O<sub>4</sub>

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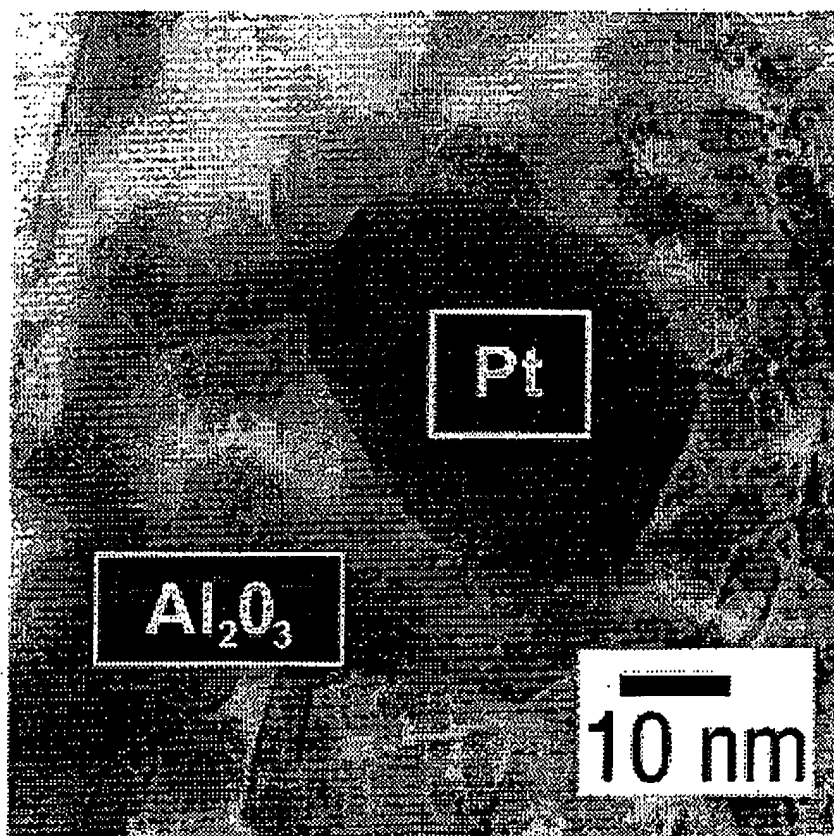
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## FIG. 4

Pt/Al<sub>2</sub>O<sub>3</sub>



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FIG. 5

